

Status of Detector Simulation

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CDF sim of

* Silicon:

- geometric CDM: working - default
- parametric CDM: work on tuning to read-all Si data started
- physical CDM: started to test model on $\tau\bar{\tau}$ events and to compare to data. Hall effect in ISL missing

* COT: functional for long time.

dE/dx : complete simulation of pulse width exists \rightarrow need to understand dE/dx in data to make progress on simulation

* ToF. functions

* Calorimeter:

- CEM, PEM: linearities & resolutions fine
- CHA, PHA: tuning to single track ("high" P_T) test beam data finished.

For CHA tuning to low P_T tracks next \rightarrow need to understand jets.
PHA: low P_T tracks?

- CES, PES: need attention

- PPR: a lot of progress made → good agreement to test beam data

* muons:

- CM-: works fine, default resolutions & efficiencies exist, noise in progress
→ comparison to data needed

- IMU: finally existent, functioning.
small bugs to be ironed out

* CCL: good agreement to data now